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Start, 33  
1 gaccagccct gacctaggac agtgaatcga taatggcact ctccatcacg cggggccttc  
61 tgctgctggc agccctgtgc tgccctggccc ccattctcct ggctggagtt ctccaaggac

164  
121 acgctgtcca agagacagat gatacatccc accaggaagc agcctggccac aagattgccc  
181 ccaacctggc caactttgcc ttcagcatat accaccattt ggctcatcag tccaacacca

269  
241 gcaacatcct cttctccccc gtgagcatcg cttcagcctt tgcctatgctc tccttgggag  
301 ccaagggcaa cactcacact gagatcctga agggcctggg tttcaacctc actgagctcg

407  
361 cagaggctga gatccacaaa ggctttcagc atcttctcca caccctgaac cagccaaacc  
421 accagctgca actgaccact ggcaatggtc tgttcatcaa tgagagtga aagctagtgg  
481 atacgttttt ggaggatgtc aagaacctgt atcactccga agccttctcc atcaacttca  
541 gggatgctga ggaggccaag aagaagatca acgattatgt agagaaggga agccatggaa  
601 aaattgtgga gttggtaaag gttcttgacc caaacacagt ttttgcctctg gtgaattaca  
661 tttcctttta aggaaaatgg gagaagccct tcgagatgaa gcacaccaca gagagggact  
721 tccatgtgga cgagcaaacc actgtgaagg tgcccatgat gaaccgcctg ggcatgtttg  
781 acctccacta ctgcgacaag ctgcgcagct ggggtgctgct gttggactac gtgggcaacg  
841 tcaccgcctg cttcatcctg cccgacctgg ggaaactgca gcagctggag gacaagctca  
901 acaacgaact cctcgccaag ttcctggaaa agaaatatgc aagttctgcc aatttacatt

989  
961 tgcccaaact gtccatttct gaaacgtacg atctaaaaag tgtcctgggc gatgtgggca  
1021 tcaccgaggt cttcagcgat agggctgacc tctcagggat caccaaggaa cagcctctga  
1081 aggtgtccaa ggctctccac aaggctgcac tgaccatcga tgagaaaggg acagaagctg  
1141 tcgggtccac gtttctggaa gccatcccca tgctcccttc ccagacgctc gagttcaaca  
1201 gacccttctt ctgcatectc tacgacagaa acaccaaate tcccctcttc gtgggaaagg

stop, 1283  
1261 tgggtgaatcc cacccaagcc taactggcctc tcggagttca gccttcccct ccagggccag

poly A signal  
1321 gtccccccac tccctccatg gcatttaagg atgactgacc tagccccgaa aaaaaaaaaa

Figure 1

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1  cagaccgacc  cgggagctgc  cacatctggt  tcagtcagag  ggtgggggga  tagaccacc
61  gaccacggcc  atgaccgctg  tgtgtctgct  tccaacagag  gccagaatgc  atgcacgtgg
121  taccaggcag  actccatggg  agggctggtg  cccaggggtr  aggagtgaag  gtcctgtcct
181  tgaggacgtc  ctccccagcc  tggaaactgc  ccgttcctgg  tgcacaggga  aagcaatgtc
241  aaattcatgt  tggtggcaaa  cccagaaaga  agaggatgga  ctttttggca  aagggtggcag
301  ttgaatgtag  attacaggat  agagtgtgga  ttacaggcta  aaaagtccac  ggcaggatgg
361  gggcggggga  ggggaggata  atgcttgag  cattatccaa  gataatgctg  aaaaagccaa
421  cgcccagagc  aggaaactcc  agcacctggt  tgaggctggt  tctgattcct  ctgtcattag
481  atgagtgtgg  ttcgaccagg  tccccatcat  gcactccata  tcagtacctg  tctctgtgtt
541  tgtagatatg  cccaggcccc  gatgagcaat  tttatcatgt  ataacataaa  acaaagatga
601  aaatacagaa  aagtactcct  cacgccctct  acagacgtca  ctcaggacct  accaccacac
661  cccacagtcc  cctgggatcc  tggccctggg  ggagtcccag  tctagcgggt  gtgatgaaac
721  cctacaggga  agtagtgagt  acagtccttc  cagaagacac  cccagatctc  caggaggcct
781  tctcagagga  ggtggccctt  gagaggctct  gcaggacaag  aggatggccc  tgattctaatt
841  atcctctgac  cctgggcata  gaggaactaa  aagtggaata  aaccaaagtg  tgagagcacg
901  gggagagggc  accaactgga  aagaacaacc  ggaaaaggaa  gctctttcac  tctgtgactt
961  ttttttttcc  actacag
```

**Figure 2**